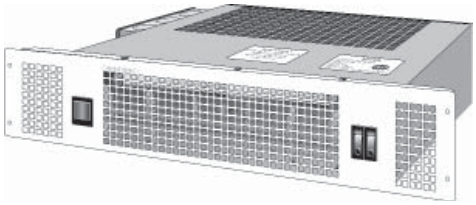
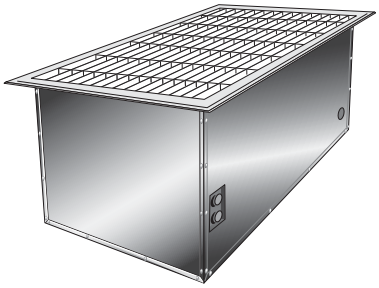




FanConvector Technical Specification

February 2012

Whispa III

Whispa III RCU

Whispa E50

Hi-Line HC RC

Lo-Line HC RC

Slim-Line RC

MYSON

WHISPA™ III

A New Generation in Kickspace Heaters

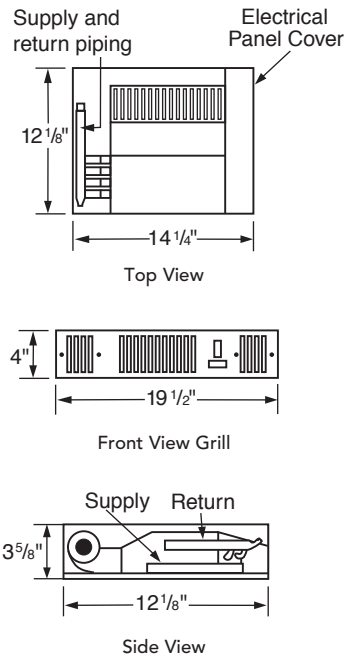
Whispa III 5000, 7000 & 9000 Fan Convectors • Btu/hr Heat Output - entering air @ 65°F

Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) 110	120	130	140	150	160	170	180	190	200
WH III 5000	1	Boost	53	1795	2214	2637	3063	3491	3922	4355	4790	5226	5664
		Normal	41	1539	1844	2144	2440	2732	3020	3306	3589	3869	4147
	3	Boost	53	2040	2516	2997	3480	3967	4457	4949	5443	5939	6437
		Normal	41	1749	2096	2437	2773	3104	3432	3756	4078	4397	4713
WH III 7000	1	Boost	81	2427	3009	3598	4194	4796	5403	6014	6630	7249	7872
		Normal	62	1473	1939	2439	2968	3524	4105	4709	5335	5981	6648
	3	Boost	81	2758	3419	4089	4766	5450	6140	6834	7534	8238	8946
		Normal	62	1673	2204	2771	3373	4004	4665	5351	6062	6797	7554
WH III 9000	1	Boost	124	3308	4073	4844	5619	6398	7181	7967	8755	9546	10340
		Normal	82	2874	3446	4009	4563	5110	5652	6187	6718	7245	7767
	3	Boost	124	3759	4629	5504	6385	7271	8160	9053	9949	10848	11750
		Normal	82	3266	3916	4556	5185	5807	6422	7031	7634	8233	8827

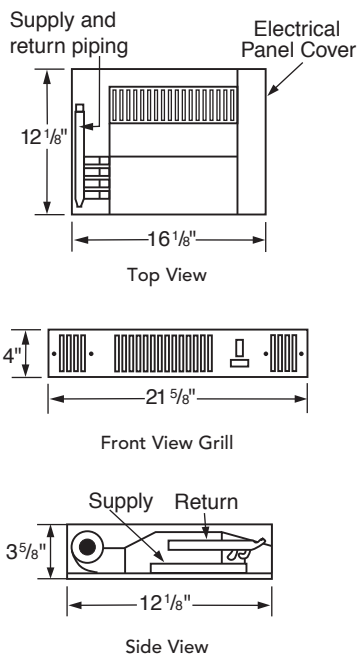
Whispa III 5000, 7000 & 9000 Heat Comparison @180°F Water Temp.

Model	Flow Rate (gpm)	Fan Speed	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Dimensions H	W	D	Weight Unit (lbs)	Weight Packed (lbs)	Flow Rate (gpm)	Friction Loss (head) FT WG
WH III 5000	3.0	Boost/Normal	10.4 / 7.8	24.2 / 18.1	3-15/16"	12-11/16"	12-1/8"	9	11	1.0/3.0	0.75/4.9
WH III 7000	3.0	Boost/Normal	14.4 / 11.5	35.5 / 26.9	3-15/16"	14-9/16"	12-1/8"	10	13	1.0/3.0	0.85/5.9
WH III 9000	3.0	Boost/Normal	19.0 / 14.5	24.2 / 18.1	3-15/16"	17-9/16"	12-1/8"	12	15	1.0/3.0	1.0/6.89

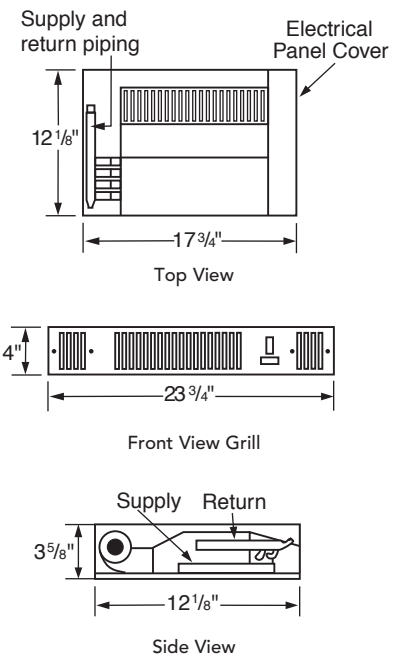
WH III 5000 Kickspace Heater



WH III 7000 Kickspace Heater



WH III 9000 Kickspace Heater



WHISPA III KICKSPACE FAN CONVECTOR SPECIFICATIONS — Engineered to be efficient.

Controls... Units have a two-speed Boost/Off/Normal fan switch. All models have low-limit thermostats which close at 109°F and reopen at 91°F.
A Summer/Winter switch allows manual control of the blower for air circulation.

Construction... The chassis is manufactured from zinc-coated painted steel. The grill is hardened aluminum with a baked epoxy polyester finish for strength and durability. Standard grill in black. Optional white, brown or brushed stainless. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

ISO 9002

WHISPA™ III

Recessed Wall Heaters

Whispa III 5000 WM

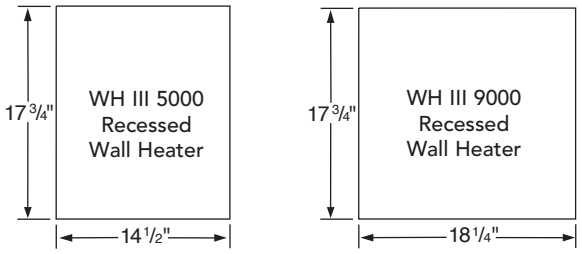
Whispa III 9000 WM

Whispa III 5000 WM & 9000 WM Recessed Wall Fan Convectors • Btu/hr Heat Output - entering air @ 65°F

Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) (Btu/hr) 110	120	130	140	150	160	170	180	190	200
WH III 5000 WM	1	Boost	81	1795	2214	2637	3063	3491	3922	4355	4790	5226	5664
		Normal	62	1539	1844	2144	2440	2732	3020	3306	3589	3869	4147
	3	Boost	81	2040	2516	2997	3480	3967	4457	4949	5443	5939	6437
		Normal	62	1749	2096	2437	2773	3104	3432	3756	4078	4397	4713
WH III 9000 WM	1	Boost	124	3308	4073	4844	5619	6398	7181	7967	8755	9546	10340
		Normal	82	2674	3446	4009	4563	5110	5652	6187	6718	7245	7767
	3	Boost	124	3759	4629	5504	6385	7271	8160	9053	9949	10848	11750
		Normal	82	3266	3916	4556	5185	5807	6422	7031	7634	8233	8827

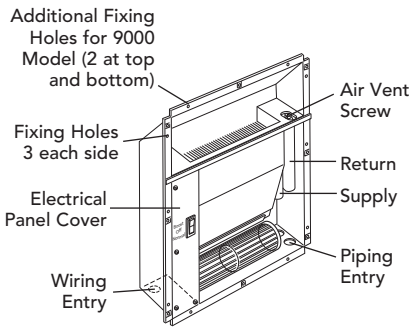
Whispa III 5000 WM & 9000 WM Heat Comparison @ 180°F Water Temperature

Model	Flow Rate (gpm)	Fan Speed	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Dimensions H	W	D	Weight Unit (lbs)	Weight Packed (lbs)	Flow Rate (gpm)	Friction Loss (head) FT WG
WH III 5000 WM	3.0	Boost/Normal	10.4 / 7.8	24.2 / 18.1	17-7/16"	14-3/8"	3-5/8"	15	18	1.0 / 3.0	0.75 / 4.9
WH III 9000 WM	3.0	Boost/Normal	19.0 / 14.5	44.2 / 33.9	17-7/16"	17-15/16"	3-5/8"	17	21	1.0 / 3.0	1.1 / 6.9



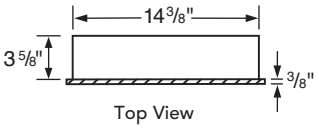
Wall Opening

Wall Opening



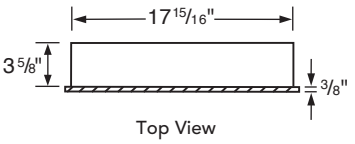
Front View
Without Cover

WH III 5000
Recessed Wall Heater

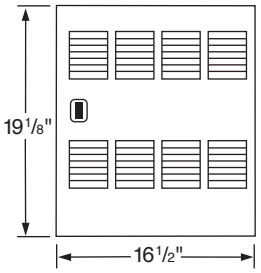


Top View

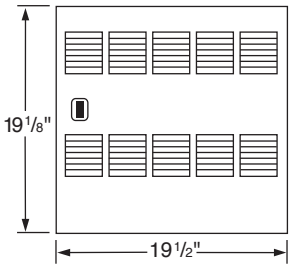
WH III 9000
Recessed Wall Heater



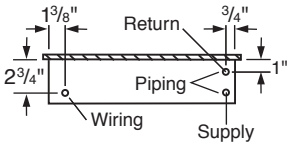
Top View



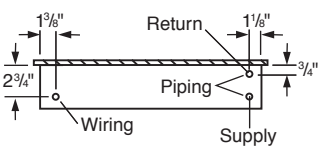
Front View Grill



Front View Grill



Bottom View



Bottom View

WHISPA III RECESSED WALL FAN CONVECTOR SPECIFICATIONS — Engineered to be efficient.

Controls... Units have a two-speed Boost/Off/Normal fan switch. All models have low-limit thermostats which close at 109° and reopen at 91°.

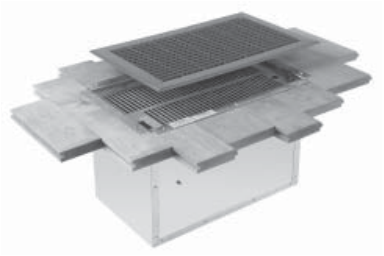
Construction... The chassis is manufactured from zinc-coated painted steel. The grill is hardened aluminum with a white, baked epoxy polyester finish for strength and durability. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

ISO 9002

WHISPA™ III

A Recessed Floor Fan Convector



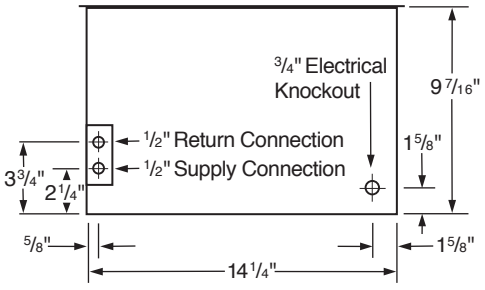
Whispa III 5000 FM Recessed Floor Fan Convector • Btu/hr Heat Output — entering air @ 65°F

Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) (Btu/hr) 110	120	130	140	150	160	170	180	190	200
WH III 5000 FM	1	Boost	81	1795	2214	2637	3063	3491	3922	4355	4790	5226	5664
		Normal	62	1539	1844	2144	2440	2732	3020	3306	3589	3869	4147
	3	Boost	81	2040	2516	2997	3480	3967	4457	4949	5443	5939	6437
		Normal	62	1749	2096	2437	2773	3104	3432	3756	4078	4397	4713

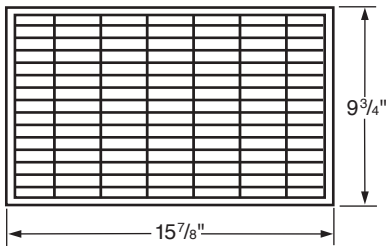
Whispa III 5000 FM Heat Comparison @ 180°F Water Temperature

Model	Flow Rate (gpm)	Fan Speed	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Dimensions H	W	D	Weight Unit (lbs)	Weight Packed (lbs)	Flow Rate (gpm)	Friction Loss (head) FT WG
WH III 5000 FM	3.0	Boost/Normal	10.4 / 7.8	24.2 / 18.1	9-7/16"	14-1/4"	8-1/4"	12	15	3.0	.75 / 4.9

WH III 5000
Recessed Floor Heater

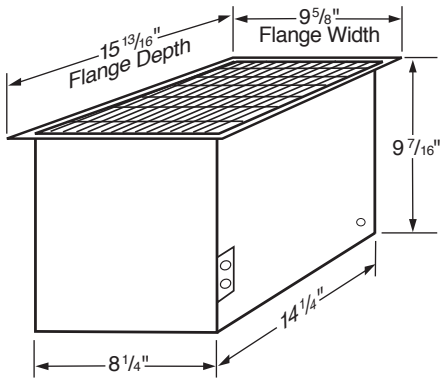


Connections



Grill

NOTE:
All connections accessible from the top of the unit.



Dimensional View

WHISPA III 5000 RECESSED FLOOR FAN CONVECTOR SPECIFICATIONS — Engineered to be efficient.

Controls... Units have a two-speed Boost/Off/Normal fan switch. All models have low-limit thermostats which close at 109°F and reopen at 91°F.

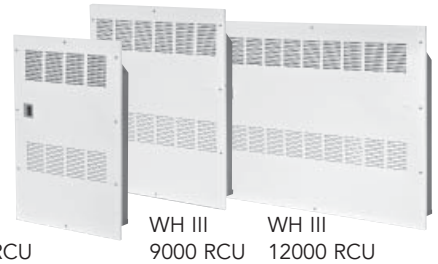
Construction... The chassis is manufactured from zinc-coated painted steel. The grill is hardened aluminum with a baked epoxy polyester finish for strength and durability. Standard grill in tan. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

ISO 9002

WHISPA™ III RCU

Commercial Wall Fan Convectors



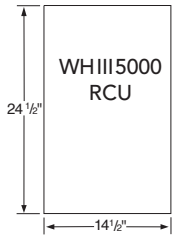
WH III 5000 RCU | WH III 9000 RCU | WH III 12000 RCU

Whispa III RCU Fan Convector • Btu/hr Heat Output - entering air @ 65°F

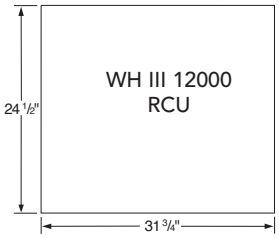
Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) 110	120	130	140	150	160	170	180	190	200
WH III 5000 RCU	1	Boost	53	1795	2214	2637	3063	3491	3922	4355	4790	5226	5664
		Normal	41	1539	1844	2144	2440	2732	3020	3306	3589	3869	4147
	3	Boost	53	2040	2516	2997	3480	3967	4457	4949	5443	5939	6437
		Normal	41	1749	2096	2437	2773	3104	3432	3756	4078	4397	4713
WH III 9000 RCU	1	Boost	124	3308	4073	4844	5619	6398	7181	7967	8755	9546	10340
		Normal	82	2674	3446	4009	4563	5110	5652	6187	6718	7245	7767
	3	Boost	124	3759	4629	5504	6385	7271	8160	9053	9949	10848	11750
		Normal	82	3266	3916	4556	5185	5807	6422	7031	7634	8233	8827
WH III 12000 RCU	1	Boost	196	3645	4785	5740	6709	7690	8682	9682	10692	11709	12734
		Normal	122	2657	3284	3918	4558	5202	5851	6504	7160	7819	8482
	3	Boost	196	4369	5437	6524	7623	8739	9866	11003	12149	13307	14472
		Normal	122	3019	3733	4454	5180	5911	6649	7389	8136	8887	9640

Whispa III 5000, 7000 & 9000 RCU Heat Comparison @180°F Water Temp.

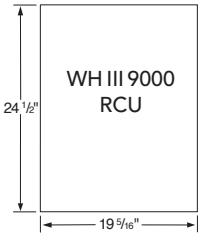
Model	Flow Rate (gpm)	Fan Speed	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Dimensions H	W	D	Weight Unit (lbs)	Weight Packed (lbs)	Friction Loss (head) FT WG
WH III 5000 RCU	3.0	Boost/Normal	10.4 / 7.8	24.2 / 18.1	24-1/8"	14-5/16"	3-1/2"	21	25	Contact Factory 800.698.9690
WH III 9000 RCU	3.0	Boost/Normal	19.0 / 14.5	44.2 / 33.9	24-1/8"	19"	3-1/2"	24	29	
WH III 12000 RCU	3.0	Boost/Normal	23.1 / 15.5	54.0 / 36.2	24-1/8"	31-1/2"	3-1/2"	33	38	



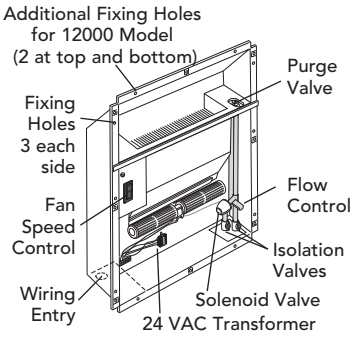
Wall Opening



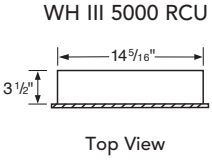
Wall Opening



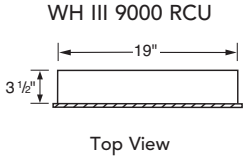
Wall Opening



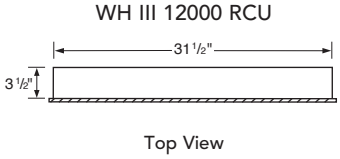
Front View Without Cover



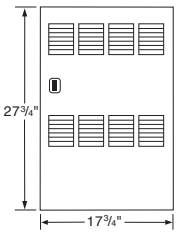
Top View



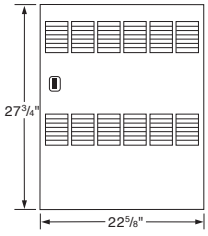
Top View



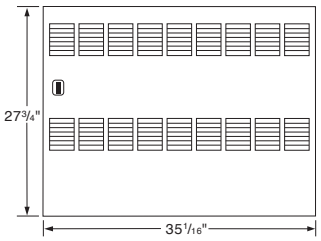
Top View



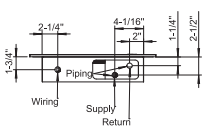
Front View Grill



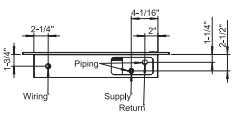
Front View Grill



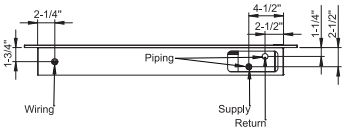
Front View Grill



Bottom View



Bottom View



Bottom View

WHISPA III RCU COMMERCIAL WALL FAN CONVECTOR SPECIFICATIONS — Engineered to be efficient.

Controls... Units have a two-speed Boost/Off/Normal fan switch. All models have low-limit thermostats which close at 109°F and reopen at 91°F. Designed to be independently controlled with 24V thermostat (by others). Unit includes: flow control, solenoid valve, 24V transformer, purge valve and two isolation valves.

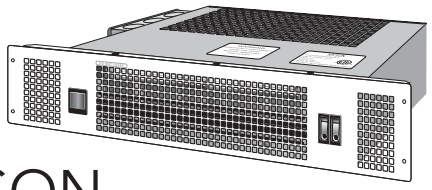
Construction... The chassis is manufactured from zinc-coated painted steel. The grill is hardened aluminum for strength and durability. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

ETL LISTED | ISO 9002

WHISPA™ E50

Electric Kickspace Heater from MYSON



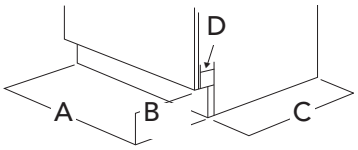
Whispa E50 Electric Kickspace Fan Convector

Model	Settings	v/Hz	Watts	BTUs/hr	Amps	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Weight Unit (lbs)	Weight Packed (lbs)	Dimensions H	W	D
WH E50	High	110V/60Hz	1600	5460	13.0	10.4	24.3	8.1	10	3-3/8″	15-1/2″	8-7/8″
	Low	110V/60Hz	800	2731	6.5	5.2	12.1					

NOTE: For proper sizing, use the rating at Medium or Low speeds.

INSTALLATION DIMENSIONS

A	Width	20″
B	Height	4″ (min.)
C	Depth of Cabinet	16″
D	Base Shelf Overhang	1″



Be sure to provide sufficient space around the unit to allow for adequate air circulation.

CONTROLS

Power/Fan Settings:

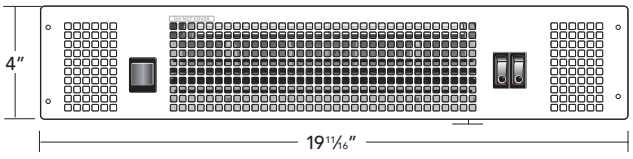
OFF ON

Indicated by red light.

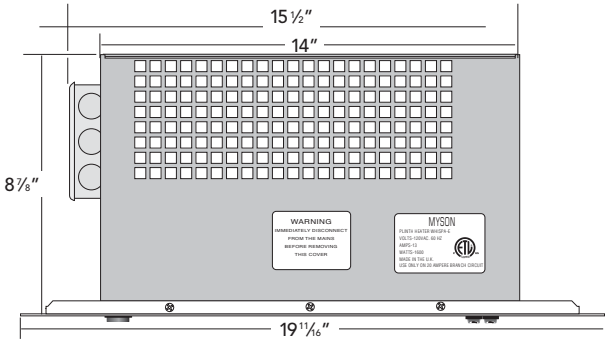
Heater Settings:

WHISPA E KICKSPACE HEATER DIMENSIONS

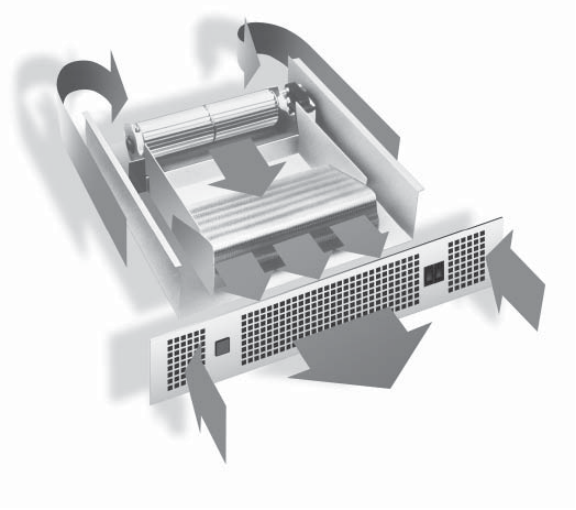
WH E50 Electric Fan Convector



Front View



Top View



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ISO 9002

WHISPA E50 ELECTRIC KICKSPACE HEATER SPECIFICATIONS — Engineered to be efficient.

Fan Unit... A highly efficient 110 cfm tangential fan extends the full width of the heating element, giving extremely quiet, trouble-free operation. All units have aluminum fans, sealed motor bearings, and permanently lubricated bearings.

Controls... Units have a lighted fan switch to indicate power "ON." Heat is controlled using a dual rocker switch — both switches "OFF" for fan only, either switch "ON" for 800 Watts (Low), and both switches "ON" for 1600 Watts (High). Each unit has a high temperature limit switch to shut off power in the event of excessive temperature resulting from restricted airflow.

Construction... The chassis is manufactured from zinc-coated painted steel. The grill is hardened aluminum for strength and durability.

Electrical connections... Wiring connections are supplied through the rear of each unit. Motor is 110V, 60Hz and is ETL listed. Dual heating elements draw a total of 15 amps on the high setting.

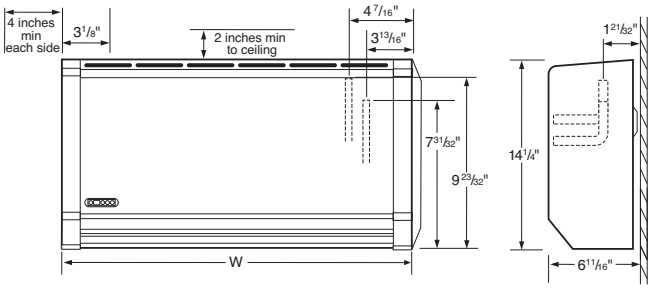
Hi-Line™ HC RC

Heating and Cooling in One Convector

Hi-Line HC RC Fan Convectors • Btu/hr Heat Output - entering air @ 65°F

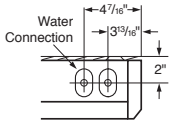
Model	Flow Rate (3 gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) 110	120	130	140	150	160	170	180	190	200
Hi Line HC 20-14 RC		Boost	221	6847	8454	10076	11711	13358	15014	16679	18352	20033	21720
	1	Medium	190	6116	7556	9011	10477	11955	13441	14936	16439	17948	19465
		Normal	146	5152	6367	7593	8831	10077	11332	12593	13862	15136	16417
		Boost	254	7870	9717	11582	13461	15354	17257	19171	21094	23026	24965
	3	Medium	218	7030	8685	10357	12043	13741	15449	17168	18895	20630	22373
		Normal	168	5922	7318	8728	10150	11583	13025	14475	15933	17398	18870
Hi Line HC 15-10 RC		Boost	171	5237	6470	7717	8973	10240	11514	12796	14084	15378	16678
	1	Medium	141	4035	4987	5949	6919	7896	8879	9869	10864	11863	12866
		Normal	106	3591	4440	5297	6161	7032	7909	8791	9679	10571	11466
		Boost	196	6019	7437	8870	10314	11770	13234	14708	16188	17676	19170
	3	Medium	162	4638	5732	6838	7953	9076	10206	11344	12487	13636	14789
		Normal	122	4128	5103	6088	7082	8083	9091	10105	11125	12150	13179
Hi Line HC 10-6 RC		Boost	112	3677	4545	5423	6308	7199	8097	9000	9908	10820	11736
	1	Medium	88	2896	3581	4272	4969	5672	6381	7092	7808	8528	9251
		Normal	73	2402	2969	3543	4121	4704	5291	5882	6475	7072	7672
		Boost	129	4226	5224	6233	7250	8275	9307	10345	11388	12437	13490
	3	Medium	101	3329	4116	4910	5712	6520	7334	8152	8975	9802	10633
		Normal	84	2761	3413	4072	4737	5407	6082	6761	7443	8129	8818
Hi Line HC 7-4 RC		Boost	68	2533	3132	3737	4347	4962	5581	6204	6830	7459	8092
	1	Medium	54	1942	2401	2866	3335	3807	4282	4761	5242	5725	621
		Normal	42	1409	1743	2081	2421	2765	3110	3458	3808	4159	4513
		Boost	78	2912	3600	4295	4996	5703	6415	7131	7851	8574	9301
	3	Medium	62	2232	2760	3294	3833	4376	4922	5472	6025	6581	7140
		Normal	48	1620	2004	2392	2783	3178	3575	3975	4377	4781	5187

Hi-Line HC RC Fan Convector



Front View

Side View



Top View

NOTE: Piping and wiring openings are accessible from either top or back.

NOTE: For surface mounting application only.

DIMENSIONS

MODEL	W
HC 20-14 RC	46-3/32"
HC 15-10 RC	34-15/16"
HC 10-6 RC	26-7/8"
HC 7-4 RC	21-13/16"

Model	Flow Rate (gpm)	Friction Loss (head) FT WG
HC 20-14 RC	1.0 / 3.0	0.58 / 2.68
HC 15-10 RC	1.0 / 3.0	0.45 / 2.08
HC 10-6 RC	1.0 / 3.0	0.27 / 1.57
HC 7-4 RC	1.0 / 3.0	0.22 / 1.36

COOLING MODE: Entering Water/Air Temp. Diff. °F

Model	Flow Rate	Fan Speed	Latent* — BTU/hr 25°F	35°F	45°F	Sensible — BTU/hr 25°F	35°F	45°F
HC 20-14 RC	3 gpm	Boost	5320	8750	12689	4528	6325	6998
		Medium	5018	8261	11988	4123	5707	6550
		Normal	4172	6867	9964	3437	4613	5292
HC 15-10 RC	3 gpm	Boost	4241	6978	10124	3633	5123	5767
		Medium	3182	5238	7600	2707	3781	4183
		Normal	2943	4842	7023	2530	3582	4061
HC 10-6 RC	3 gpm	Boost	2592	4266	6189	2121	3096	4091
		Medium	2145	3529	5119	1813	2517	2741
		Normal	1920	3158	4579	1627	2268	2487
HC 7-4 RC	3 gpm	Boost	1906	3137	4550	1526	2227	1941
		Medium	1572	2589	3758	1347	1898	2138
		Normal	1057	1740	2525	912	1294	1477

*These figures are at 50% relative humidity.

HI-LINE HC RC FAN CONVECTOR SPECIFICATIONS — Engineered to be efficient.

Controls... The supplied infrared remote control system can be operated in automatic or manual mode. In automatic mode, the desired room temperature is programmed into the unit and fan speed is automatically adjusted until temperature is achieved. In manual mode, 3 fan speeds can be selected. The water temperature sensor brings the fan on at 90°F. in heating mode and 59°F. in cooling mode. Fan speed and room temperature may be adjusted with the remote control.

Construction... The chassis is manufactured from zinc-coated painted steel. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

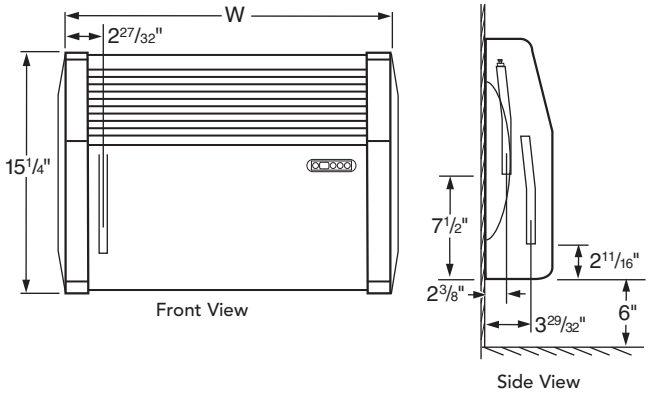
Lo-Line™ HC RC

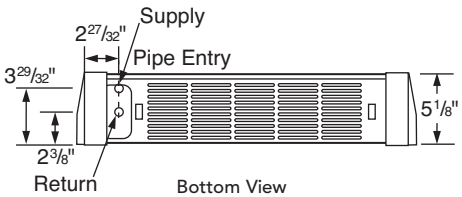
Heating and Cooling in One Convector

Lo-Line RC Heater Fan Convectors • Btu/hr Heat Output - entering air @ 65°F

Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) 110	120	130	140	150	160	170	180	190	200
Lo-Line HC 19-15 RC		Boost	197	7040	8531	10011	11481	12942	14397	15844	17286	18723	20154
	1	Medium	162	6359	7705	9040	10367	11686	12998	14304	15605	16901	18193
		Normal	142	5611	6798	7975	9145	10308	11465	12617	13764	14906	16045
		Boost	197	7997	9691	11372	13042	14702	16354	17999	19637	21269	22895
	3	Medium	162	7224	8753	10270	11777	13275	14766	16250	17728	19200	20667
		Normal	142	6374	7722	9060	10389	11710	13024	14333	15636	16933	18227
Lo-Line HC 14-10 RC		Boost	169	5402	6545	7679	8805	9924	11038	12146	13250	14350	15445
	1	Medium	118	4619	5595	6564	7526	8482	9434	10381	11324	12263	13199
		Normal	94	3799	4601	5397	6188	6974	7755	8533	9308	10080	10848
		Boost	169	6137	7435	8723	10002	11274	12539	13798	15052	16301	17546
	3	Medium	118	5247	6356	7457	8550	9636	10717	11793	12864	13931	14994
		Normal	94	4316	5227	6132	7030	7922	8810	9694	10574	11450	12324
Lo-Line HC 9-6 RC		Boost	103	3592	4350	5103	5850	6592	7331	8066	8798	9526	10253
	1	Medium	76	2882	3490	4093	4691	5286	5878	6467	7053	7637	8219
		Normal	66	2222	2692	3157	3619	4078	4535	4989	5442	5893	6342
		Boost	103	4081	4942	5797	6645	7489	8328	9163	9994	10822	11647
	3	Medium	76	3274	3964	4649	5329	6005	6678	7347	8013	8676	9337
		Normal	66	2525	3058	3586	4111	4633	5151	5668	6182	6694	7204
Lo-Line HC 6-4 RC		Boost	72	2349	2844	3336	3824	4309	4791	5271	5749	6225	6700
	1	Medium	51	1720	2083	2443	2800	3155	3508	3860	4210	4558	4905
		Normal	38	1518	1837	2154	2468	2781	3092	3401	3709	4015	4321
		Boost	72	2668	3231	3790	4344	4895	5443	5988	6531	7072	7611
	3	Medium	51	1954	2366	2775	3181	3584	3985	4385	4782	5178	5572
		Normal	38	1724	2087	2447	2804	3159	3512	3863	4213	4561	4908

Lo-Line HC RC Fan Convector





NOTE: For surface mounting application only.

DIMENSIONS

MODEL	W
HC 19-15	43-5/8"
HC 14-10	32-1/2"
HC 9-6	24-1/4"
HC 6-4	19-1/2"

Model	Flow Rate (gpm)	Friction Loss (head) FT WG
HC 19-15	1.0 / 3.0	1.4 / 13/1
HC 14-10	1.0 / 3.0	1.0 / 9.4
HC 9-6	1.0 / 3.0	0.8 / 6.4
HC 6-4	1.0 / 3.0	0.6 / 6.7

COOLING MODE: Entering Water/Air Temp. Diff. °F

Model	Flow Rate	Fan Speed	Latent* — BTU/hr 25°F	35°F	45°F	Sensible — BTU/hr 25°F	35°F	45°F
HC 19-15 RC	3 gpm	Boost	5128	8203	11650	4366	5929	6425
		Medium	4896	7832	11124	4024	5442	6077
		Normal	4482	7169	10181	3693	4816	5407
HC 14-10 RC	3 gpm	Boost	4108	6570	9330	3519	4823	5315
		Medium	3451	5522	7843	2937	3986	4317
		Normal	2934	4691	6660	2523	3469	3851
HC 9-6 RC	3 gpm	Boost	2376	3799	5394	1943	2757	3564
		Medium	2007	3208	4555	1696	2288	2439
		Normal	1669	2669	3790	1414	1916	2059
HC 6-4 RC	3	Boost	1659	2653	3769	1328	1884	2435
		Medium	1308	2093	2973	1121	1535	1691
		Normal	1074	1718	2440	927	1277	1427

*These figures are at 50% relative humidity.

LO-LINE HC RC FAN CONVECTOR SPECIFICATIONS - Engineered to be efficient.

Controls... The supplied infrared remote control system can be operated in automatic or manual mode. In automatic mode, the desired room temperature is programmed into the unit and fan speed is automatically adjusted until temperature is achieved. In manual mode, 3 fan speeds can be selected. The water temperature sensor brings the fan on at 90°F. in heating mode and 59°F. in cooling mode. Fan speed and room temperature may be adjusted with the remote control.

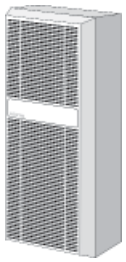
Construction... The chassis is manufactured from zinc-coated painted steel. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

ISO 9002

Slim-Line™ RC

Fan Convector from MYSON



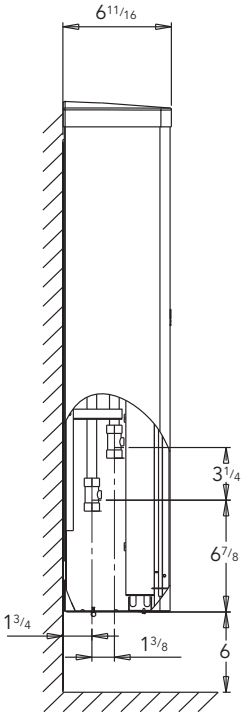
Slim-Line RC Fan Convector • Btu/hr Heat Output - entering air @ 65°F

Model	Flow Rate (gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F) 110	120	130	140	150	160	170	180	190	200
Slim-Line RC	1	Boost	186	5029	5663	6657	7661	8664	9668	10572	11678	12680	13864
		Medium	127	4385	4881	5887	6745	7651	8559	9567	10374	11281	12186
		Normal	96	3743	4207	5018	5829	6639	7450	8261	9072	9883	10694
	3	Boost	186	6597	7404	8719	10034	11349	12663	13987	15293	16608	17923
		Medium	127	5743	6457	7646	8831	10023	11411	12399	13588	14776	16280
		Normal	96	4902	5510	6572	7634	8696	9758	10820	11882	12944	1400RC

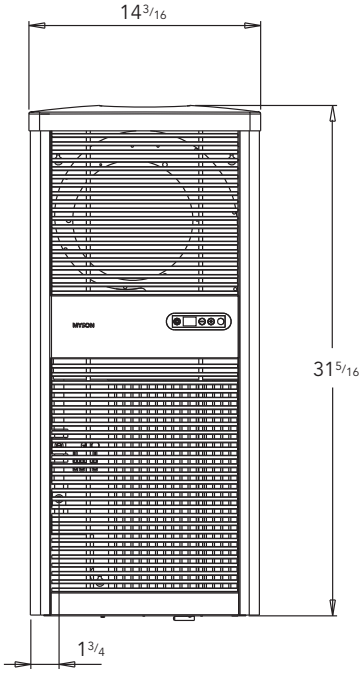
Slim-Line RC Heat Comparison @ 180°F Water Temperature

Model	Flow Rate (gpm)	Fan Speed	Baseboard (525 Btu/ft)	C.I. Radiators (225 Btu/sq ft)	Dimensions H	W	D	Weight Unit (lbs)	Weight Packed (lbs)	Flow Rate (gpm)	Friction Loss (head) FT WG
Slim-Line RC	3.0	Boost	29.2	68.0	31-7/8"	15-9/16"	6-11/16"	37	40	1.0	1.84
		Medium	25.9	60.4							
		Normal	22.6	52.8							
	1.0	Boost	22.2	51.9						3.0	11.04
		Medium	19.7	46.1							
		Normal	17.2	40.3							

Slim-Line RC Fan Convector

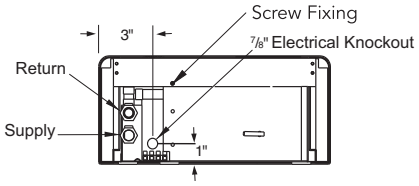


Side View



Front View

NOTE: For surface mounting application only.



SLIM-LINE RC FAN CONVECTOR SPECIFICATIONS – Engineered to be efficient.

Controls... The supplied infrared remote control system can be operated in automatic or manual mode. In automatic mode, the desired room temperature is programmed into the unit and fan speed is automatically adjusted until temperature is achieved. In manual mode, 3 fan speeds can be selected. The water temperature sensor brings the fan on at 90°F. Fan speed and room temperature may be adjusted with the remote control.

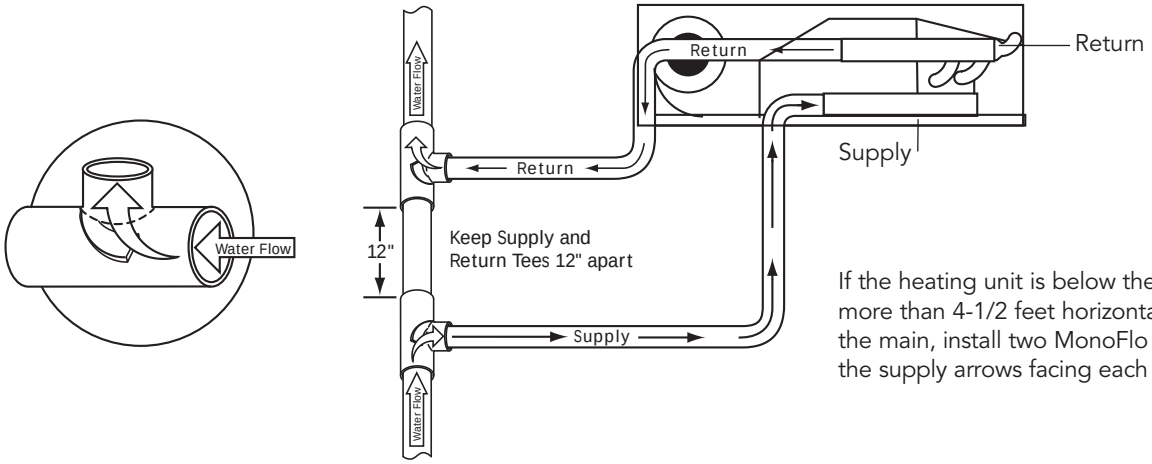
Construction... The chassis is manufactured from zinc-coated painted steel. Fan assemblies have ball bearings for longer life and quieter service.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.

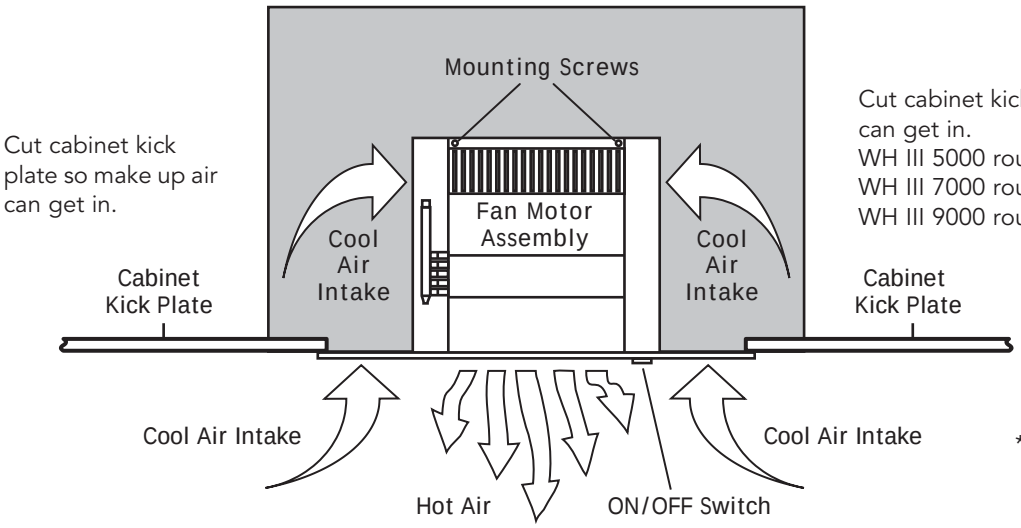
Kickspace Fan Convector Installation*

1. A kickspace heater must have a free flow of air through the unit. We have designed our grills to allow for sufficient airflow. The opening in the kickspace must allow unrestricted airflow. (See drawing below.) Looking at the grill, you should not be able to see any part of the kickboard. **Failure to do so will cause the motor to overheat and void the warranty.**

2. The kickspace heater needs to be sized appropriately for the job. For proper sizing, use the ratings at normal speed. If the unit needs to be in the boost or high setting to heat the room adequately, then the kickspace heater is too small. Running the unit in boost or high for extended periods of time will shorten the motor fan assembly life.



If the heating unit is below the main or more than 4-1/2 feet horizontally from the main, install two MonoFlo tees with the supply arrows facing each other.



Cut cabinet kick plate so make up air can get in.
WH III 5000 rough opening is 18-3/8"
WH III 7000 rough opening is 20-1/2"
WH III 9000 rough opening is 22-5/8"

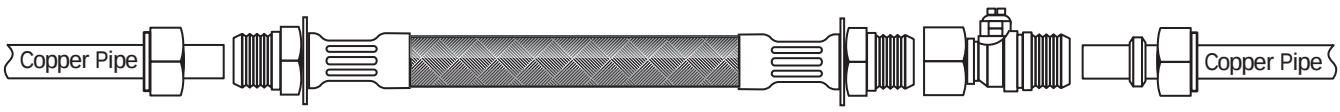
*Refer to Installation Manual for complete information

MYSON EZ-Hose Kit

Myson's EZ-Hose Kit allows the unit to be easily removed from under the cabinet for cleaning and maintenance.

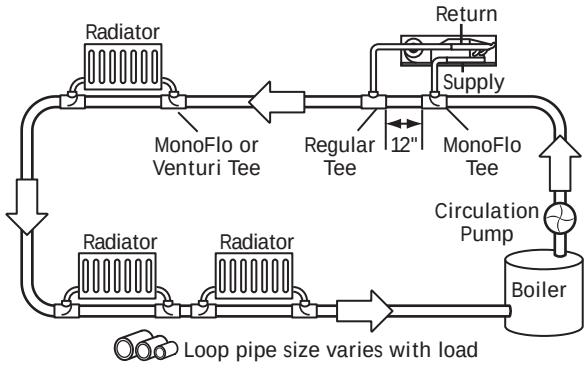
Components: 2 - 30" braided stainless steel hoses, 1/2" compression x 1/2" MPT
2 - Screwdriver slot ball valves, 1/2" compression x 1/2" FPT

Assemble the male end of the hose to the female end of the ball valve using teflon tape or thread sealant. Connect the compression end of the hoses to the stub-outs on the kickspace unit. Make sure that the return side hose is connected to the top stub-out so that air will be forced through the heat exchanger to where it can be removed at the air vent. Connect the compression ends of the ball valves to the appropriate supply and return pipes from the heating system.



Radiator and Fan Convector Installation
Optional Piping Arrangements

The following drawings are general examples. Consult a certified heating professional for your specific application. MYSON recommends TRV valves on all layouts except series loop system for maximum comfort and control of radiators. This does not apply to Fan Convectors.

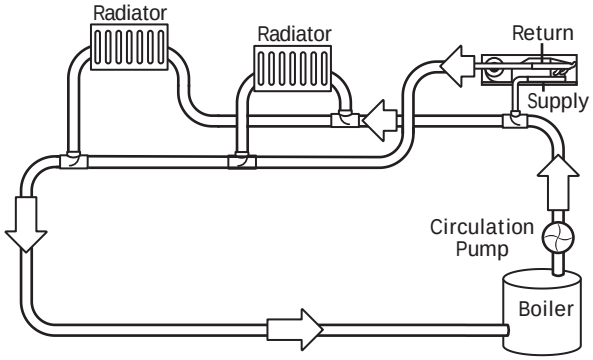


MonoFlo or One Pipe System Acceptable for all MYSON heating applications, balancing valves required.

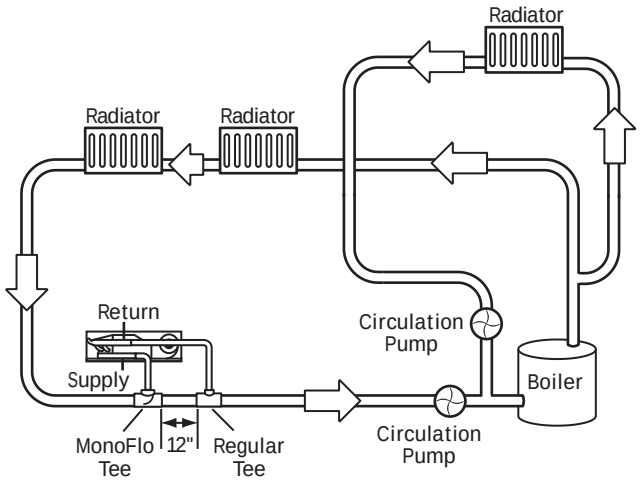
General information on the use of MonoFlo tees:

- Scoop type is installed on the supply
- Venturi type is installed on the return
- If heating unit is below the main or more than 4½ feet horizontally from the main, install two MonoFlo tees with the supply arrows facing each other

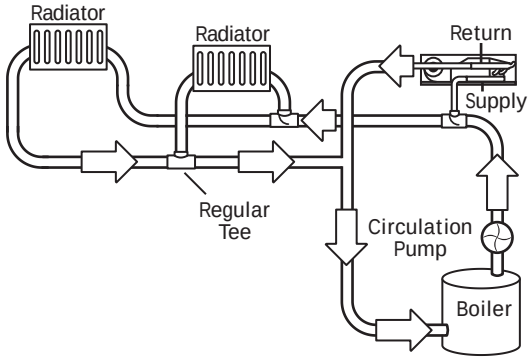
Fan Convectors and Cast Iron Radiators have different heating characteristics. Therefore, it is recommended that the Fan Convector be on a separately controlled heating zone.



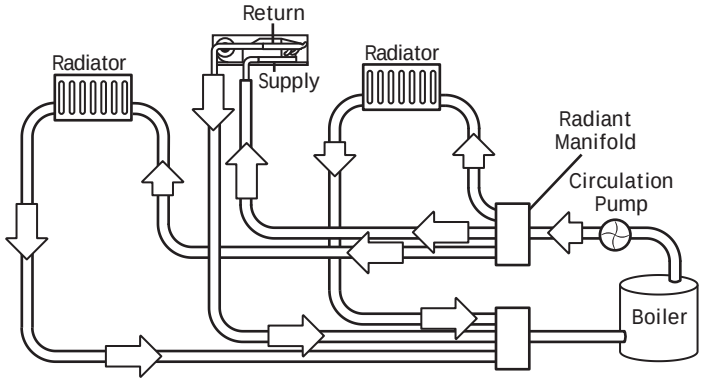
Two Pipe Reverse Return System Acceptable for all MYSON heating applications, balancing valves required when a Fan Convector is used with radiators.



Series Loop System Not compatible with fan convectors. Limited to 15K btuh on panel radiators.
A single Fan Convector may be added using MonoFlo tees as shown.



Two Pipe Direct Return System Acceptable for all MYSON heating applications, balancing valves required.



Home Run System

MYSON
A Brand of Rettig USA Inc.
948 Hercules Drive, Suite 5, Colchester, VT 05446 USA
(800) 698-9690 (802) 654-7500 Fax (802) 654-7022 www.MysonInc.com

Myson, Inc. Limited Warranty

Myson, Inc warrants the following products against defects in material and workmanship to the original owner for the duration listed from date of installation or three months after date of shipment, whichever comes first.

The remedy in all cases shall be to repair or replace the product at Myson's discretion upon verification of a factory defect. If replacement is required and an exact replacement product is no longer available, Myson reserves the right to furnish a similar product of equal value.

NO REMOVAL, SHIPPING OR INSTALLATION EXPENSES ARE REIMBURSIBLE

The original purchaser is responsible for determining the suitability of the Myson product for their installation. Installation and troubleshooting should be performed by a competent technician with knowledge of hydronic heating and/or basic electricity.

Damages occurring during shipment, transit, storage or handling, abuse, neglect, accident, misapplication, incorrect power line voltage, improper water source or connection, fire, flood or other Acts of God are not covered. Freight damage claims MUST be made within 10 days of receipt from Myson. No Exceptions.

FAN CONVECTORS

WHE 50 1 Year

WHIII5000, WHIII5000-EZ, WHIII5000F, WHIII5000W and RCU, WHIII7000, WHIII7000-EZ, WHIII9000, WHIII9000-EZ, WHIII9000W and RCU, WHIII12000-RCU, SL-RC, Hi-Line, Hi-Line HC, Lo-Line, Lo-Line HC, CSU-M

HEAT EXCHANGERS	10 Years
FAN/MOTOR ASSEMBLIES	3 Years
OTHER COMPONENTS	1 Year

Replacement parts purchased after the warranty period are warranted for 120 days when properly installed.

The following components are field replaceable: Motor/Fan Assemblies, Switches, Low Temperature Cut-outs, Thermisters, Control Boards, Valves, Connector Hoses, Heat Exchanger Elements and Grilles.

Myson will not accept complete units for warranty replacement without prior authorization from Myson Technical Support.

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